

Date: Wed, 2 Feb 94 04:30:17 PST  
From: Ham-Ant Mailing List and Newsgroup <ham-ant@ucsd.edu>  
Errors-To: Ham-Ant-Errors@UCSD.Edu  
Reply-To: Ham-Ant@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Ant Digest V94 #21  
To: Ham-Ant

Ham-Ant Digest                      Wed, 2 Feb 94                      Volume 94 : Issue    21

Today's Topics:

20m dipole, which is better?  
    AEA Isolooop  
J-Pole Design Needed (2 msgs)  
    Multi Band antenna's  
    nec software  
    Where is FAQ

Send Replies or notes for publication to: <Ham-Ant@UCSD.Edu>  
Send subscription requests to: <Ham-Ant-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Ant Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-ant".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Sun, 30 Jan 1994 16:09:05 GMT  
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!  
newsserver.jvnc.net!raffles.technet.sg!ntuix!ntuvax.ntu.ac.sg!  
asirene@network.ucsd.edu  
Subject: 20m dipole, which is better?  
To: ham-ant@ucsd.edu

Hi,

What is the right (ideal length) for a 20m antenna, dipole? Is  
vertical better than horizontal? What are the differences?

73 de 9V Daniel

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Date: Tue, 1 Feb 1994 16:18:26 GMT

From: wang!dbushong@uunet.uu.net  
Subject: AEA Isoloop  
To: ham-ant@ucsd.edu

I just got an Isoloop and there's a good-news/bad-news story.

The good news is that, because I live in the dungeon floor of a three-story apartment building, I had to stand the thing on a 10' pole outside my window. It works pretty well, and I made several contacts last night on several bands. It takes a little getting used to the tuning, but considering the magic that's taking place up there, it's acceptable.

The bad news is that I had to go to work today instead of staying home and playing with my new antenna.

Dave  
KZ10

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Dave Bushong, Wang Laboratories, Inc.

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Date: Sun, 30 Jan 94 10:39:45 -0500  
From: yale.edu!noc.near.net!news.delphi.com!usenet@yale.arpa  
Subject: J-Pole Design Needed  
To: ham-ant@ucsd.edu

I am looking for a j-pole design using only coax. I am sure I saw such a design in a recent magazine, but I can't find it now. I'm looking for something that can be rolled up and easily stored for travel.

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Date: Mon, 31 Jan 94 21:01:48 -0500  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!noc.near.net!news.delphi.com!usenet@network.ucsd.edu  
Subject: J-Pole Design Needed  
To: ham-ant@ucsd.edu

Dick Partos <partos@larry.larc.nasa.gov> writes:

>one and it works fine. I'll dig up the design and E-mail it to you.

Dick,

Thanks for the response. The design you mentioned was sent to me, and I'm going to give it a try. You can save yourself some trouble.

73's Darryl, KD4CSW

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Date: 1 Feb 1994 01:34:01 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!agate!etch-  
eshop.Berkeley.EDU!ron@network.ucsd.edu  
Subject: Multi Band antenna's  
To: ham-ant@ucsd.edu

Hello,

Does anyone have experience/ knowledge of the " MFJ-1796 Multi Band "  
antenna.

Thanks...

Ron V  
ron@etcheshop.Berkeley.EDU

waiting for my license now.

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Date: 31 Jan 1994 17:01:49 GMT  
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!usc!cs.utexas.edu!  
swrinde!sgiblab!sgigate.sgi.com!olivea!korie!male.EBay.Sun.COM!uranium!  
raymonda@network.ucsd.edu  
Subject: nec software  
To: ham-ant@ucsd.edu

In article 17327@rsg1.er.usgs.gov, junger@rsg1.er.usgs.gov (John Unger) writes:  
>I have downloaded and compiled the nec antenna radiation pattern  
>calculation program successfully on my Sparc2, but cannot find  
>any information in the files about the format of the input data.  
>Can someone point me to this information or email me a description  
>of the input format(s) please?  
>  
>Thanks & 73's -- John Unger, W3G0I

Check on netcom.com in /pub/rander/NEC  
I believe nec\_hist.txt has some info on nec documentation. (NOSC TD116 from NTIS)  
Below is the index file from the netcom NEC archives.

73's,  
Ray WB6TPU  
raymonda@uranium.ebay.sun.com

NEC (Numerical Electromagnetic Code):

All files with .Z prefix compressed with UNIX compress

NEC2\_Mac\_.hqx.Z

NEC2 executable for the Macintosh (in compressed .hqx format)  
from Barry Newberger (bsn@fusion.ph.utexas.edu)

NEC2\_Mac\_README.txt

Document file for Mac version of NEC2

nec2.sun4.dl.Z

SUN4 executable (dynamically linked) of NEC2  
compiled for 1000 segments  
from Weston Beal (weston@arrakis.ebay.sun.com)

nc2s1500.sun4.Z

SUN4 executable (statically linked) of NEC2  
compiled for 1500 segments  
from John Boyer (john.boyer@rd.eng.bbc.co.uk)

nec2.rs6000.Z

IBM RS/6000 executable of NEC2. Runs under AIX 3.2  
from Doug Braun (dbraun@iil.intel.com)

nec2.rs6000\_readme.txt

Document file for RS/6000 version of NEC2

mininec3.zip

BASIC source code and DOS executable for mininec3 from NOSC

nec2\_src.tar.Z

Fortran source code for NEC2

nec\_param\_util.Z

Perl script to create NEC input files from parameterized  
physical descriptions.  
from Doug Braun (dbraun@iil.intel.com)

nec\_post\_processor.Z

Creates polar plots from NEC output.  
MS Quick Basic source code.

from John Boyer (john.boyer@rd.eng.bbc.co.uk)

nec81.tar.Z

Fortran 77 source code for nec-81. (modified for 3000 segments)  
(Previously listed as nec3, but renamed to alleviate confusion  
with the real nec3.)  
(from Petri Kotilainen OH3MCK)

nec81.readme.txt3

Readme file for nec-81.

necdrawing.zip

DOS utility for verifying correctness of NEC models. Checks  
adherence to rules and provides 3-D display of model.  
(from ACES archive)

nec\_hist.txt

Article from ACES newsletter outlining the history of the various  
versions of NEC.

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Date: 31 Jan 1994 17:52:59 GMT

From: ucsnews!sol.ctr.columbia.edu!news.kei.com!eff!usenet.ins.cwru.edu!

usenet.mcs.kent.edu!humboldt.kent.edu!pfeiffer@network.ucsd.edu

Subject: Where is FAQ

To: ham-ant@ucsd.edu

I'm new to this news group. Is there an FAQ and if  
there is where can I find it on FTP?

Thanks

DHP

pfeiffer@humboldt.kent.edu (Dan Pfeiffer)

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End of Ham-Ant Digest V94 #21

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